

**Abstract**

**Method for providing location information**

In MTCs, it may be necessary to identify the location of the B-subscriber as precisely as possible.

The location information is determined in the following steps:

- a) A first message is addressed by the SCP and dispatched to the required terminal. This first message is forwarded by the Visitor Location Register and simultaneously initiates an update of the location information contained in the Visitor Location Register, insofar as the subscriber identification was successful. The location information includes an indication of when this location information was identified/created. This age information is similarly updated.
- b) A second message is then dispatched. By means of this message, the Service Control Point then interrogates the stored location information and age information in the Visitor Location Register. The age information indicates whether the supplied location information is up-to-date.
- c) If the determined location information is identified as up-to-date, it is evaluated by the Service Control Point and used for further purposes, for example a location-dependent MTC-IN service.